ELEMENT	ABBREVIATION	DEFINITION
Point of Vertical Curvature	PVC	The point at which a tangent grade ends and the vertical curve begins.
Point of Vertical Tangency	PVT	The point at which the vertical curve ends and the tangent grade begins.
Point of Vertical Intersection	PVI	The point where the extension of two tangent grades intersect.
Grade	G_1, G_2	The rate of slope between two adjacent PVIs expressed as a percent. The numerical value for percent of grade is the vertical rise or fall in feet for each 100 ft of horizontal distance. Upgrades in the direction of stationing are identified as plus (+). Downgrades are identified as minus (-).
External Distance	M	The vertical distance (offset) between the PVI and the roadway surface along the vertical curve.
Algebraic Difference in Grade	A	The value is determined by the deflection in percent between two tangent grades.
Length of Vertical Curve	L	The horizontal distance in feet from the PVC to the PVT.

VERTICAL CURVE DEFINITIONS

Figure 44-3E